Mob : 99457 44759

Shriya Construction and Consultancy

1133, 3rd Floor, 3rd Stage, B Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/ CHO/RAFT 01

Date: 11/01/2020

1. **Test report on cement Concrete Cubes:**

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"

Ref: Material Testing/PMC/19-20

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm
Grade Of concrete: **M20**

Table 1.1

SL No	Location	Date of casting	Date of Testing	C/S Area mm2	Age	Load KN	Compressive Strength- N/mm2	Average
1.	Raft concrete BHEL Layout	4/1/20	11/1/20	22500	7	390	17.33	18.14
2.	"	"	"	"	"	425	18.88	
3.	"	"	"	"	"	410	18.22	

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ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Mob : 99457 44759

Shriya Construction and Consultancy

1133, 3rd Floor, 3rd Stage, B Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/ CHO/RAFT 02

Date: 02/02/2020

1. **Test report on cement Concrete Cubes:**

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"

Ref: Material Testing/PMC/19-20

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm
Grade Of concrete: **M20**

Table 1.1

SL No	Location	Date of casting	Date of Testing	C/S Area mm2	Age	Load KN	Compressive Strength- N/mm2	Average
1.	Raft concrete BHEL Layout	4/1/20	1/2/20	22500	28	510	22.66	22.88
2.	"	"	"	"	"	545	24.22	
3.	"	"	"	"	"	490	21.77	

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Mob : 99457 44759

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1133, 3rd Floor, 3rd Stage, B Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/ CHO/Side Walls

Date: 18/01/2020

1. **Test report on cement Concrete Cubes:**

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"

Ref: Material Testing/PMC/19-20

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm
Grade Of concrete: **M20**

Table 1.1

SL No	Location	Date of casting	Date of Testing	C/S Area mm2	Age	Load KN	Compressive Strength-N/mm2	Average
1.	Raft concrete 4th and 5th cross BHEL Layout	11/1/20	18/1/20	22500	7	465	20.66	19.40
2.	"	"	"	"	"	430	19.11	
3.	"	"	"	"	"	415	18.44	

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1133, 3rd Floor, 3rd Stage, B Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/ CHO/Side Walls

Date: 09/02/2020

1. **Test report on cement Concrete Cubes:**

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"

Ref: Material Testing/PMC/19-20

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm
Grade Of concrete: **M20**

Table 1.1

SL No	Location	Date of casting	Date of Testing	C/S Area mm2	Age	Load KN	Compressive Strength- N/mm2	Average
1.	Raft concrete 4th and 5th cross BHEL Layout	11/1/20	9/2/20	22500	28	515	22.88	23.32
2.	"	"	"	"	"	550	24.44	
3.	"	"	"	"	"	510	22.66	

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Mob : 99457 44759

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1133, 3rd Floor, 3rd Stage, B Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/ CHO/ TMT steel

Date: 05/01/2020

Physical Properties of Steel: Test Report

Sub: Testing Of TMT Steel Reinforcement of Grade Fe-500

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"

Ref: Material Testing/PMC/19-20

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF PHYSICAL PROPERTIES OF TMT STEEL

SPECIMENS 8 AND 10 MM DIA

Grade Of Steel: **Fe 500.**
Technical Ref: IS.1786:2008, IS 1608:2005, IS 1599:1985(Reaffined-2006).

Table 1.1

SL No	Grade	Nominal Size of Rebar (Dia)	Mass (KG/meter)	Tensile Strength		
				20% Proof Stress / Yeild Stress (N/mm2)	Tensile Strength (N/ mm2)	Elongation Percent on gauge Length
1.	Fe 500	8 mm	.33	536	544	13
2.	Fe 500	10mm	.65	548	558	14

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1133, 3rd Floor, 3rd Stage, B Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/ CHO/ 1:4:8

Date: 07/01/2020

1. **Test report on cement Concrete Cubes:**

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"

Ref: Material Testing/PMC/19-20

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm
Grade Of concrete: **M10**

Table 1.1

SL No	Location	Date of casting	Date of Testing	C/S Area mm2	Age	Load KN	Compressive Strength- N/mm2	Average
1.	M10	31/12/2019	7/1/20	22500	7	195	8.66	8.96
2.	"	"	"	"	"	205	9.11	
3.	"	"	"	"	"	205	9.11	

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1133, 3rd Floor, 3rd Stage, B Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/ CHO/ 1:4:8

Date: 28/01/2020

1. **Test report on cement Concrete Cubes:**

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"

Ref: Material Testing/PMC/19-20

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm
Grade Of concrete: **M10**

Table 1.1

SL No	Location	Date of casting	Date of Testing	C/S Area mm2	Age	Load KN	Compressive Strength-N/mm2	Average
1.	M10	31/12/2019	28/1/20	22500	28	265	11.77	12.1
2.	"	"	"	"	"	287	12.7	
3.	"	"	"	"	"	205	12.0	

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Mob : 99457 44759

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1133, 3rd Floor, 3rd Stage, B Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/ CHO/ Kerb

Date: 25/01/2020

KerbStone (Core Cutting Method) Test Report

Sub: Testing of concrete Kerb Stones (Core Cutting Method) – Compressive Strength)

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"

Ref: Material Testing/PMC/19-20

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: **M15**
Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 50 mm =D

SL No	Height of core (H)mm	Weig ht of Core (KG)	Dencity of core (KG/m 3)	H/D	Correctio n factor of H/D	Load KN	Compres sive Strength-N/mm2	Correctio n Factor for dia (Strength x1.08)	Correcte d Compres sive Strength	Equaven ent Cube Compres sive Strength
1.	78	.354	2311.4	1.56	.960	26.3	13.39	14.47	13.39	17.36
2.	80	.368	2342.7	1.60	.960	26.3	13.39	14.47	13.39	17.36
3.	82	.382	2372.5	1.64	.960	25.10	12.78	13.81	13.25	16.57

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1133, 3rd Floor, 3rd Stage, B Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL/PMC/ CHO/ DRN. Slab

Date: 20/01/2020

Precast Drain Slab 100mm Thick (Core Cutting Method) Test Report

Sub: Testing of concrete Kerb Stones (Core Cutting Method) – Compressive Strength)

Project: Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"

Ref: Material Testing/PMC/19-20

Report submitted to: Assistant Executive Engineer, Yelahanka Sub Division, BBMP Bangalore.

Name of Agency/ contractor: M/s KRIDL Bangalore.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: **M20**
Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1
Dia of Specimens: 50 mm =D

SL No	Height of core (H)mm	Weig ht of Core (KG)	Dencity of core (KG/m 3)	H/D	Correctio n factor of H/D	Load KN	Compres sive Strength-N/mm2	Correctio n Factor for dia (Strength x1.08)	Correcte d Compres sive Strength	Equaven ent Cube Compres sive Strength
1.	78	.355	2317.9	1.56	.960	34.5	17.57	18.98	18.22	22.7
2.	80	.368	2342.7	1.60	.960	35.6	18.13	19.58	18.80	23.5
3.	82	.382	2372.5	1.64	.960	33.2	16.91	18.26	17.53	21.91

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